



PATENT
Attorney Docket No. WMI-004CP1
(8415/18)

#4
M.J.
1/30/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Katcher et al.

SERIAL NO.: 09/695,900 GROUP NO.: 2614

FILING DATE: October 25, 2000 EXAMINER: Not Yet Assigned

TITLE: A METHOD AND APPARATUS FOR INTERACTION WITH
HYPERLINKS IN A TELEVISION BROADCAST

Assistant Commissioner for Patents
Washington, D.C. 20231

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Technology Center 2600

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

(1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or

(2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and

the requisite Statement is below, OR

the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

Information Disclosure Statement

Serial No. 09/695,900

Page 2 of 2

(3) after the mailing date of a **final action or notice of allowance** but before the payment of the **issue fee**, **AND**

the requisite Statement is below, **AND**

the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or

2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,



Joel Stettenheim
Attorney for Applicants
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2258090



2614

PATENT
Attorney Docket No. WMI-004CP1
(8415/18)

THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:

Katcher et al.

SERIAL NO.:

09/695,900

GROUP NO.:

2614

FILING DATE:

October 25, 2000

EXAMINER:

Not Yet Assigned

TITLE:

A METHOD AND APPARATUS FOR INTERACTION WITH
HYPERLINKS IN A TELEVISION BROADCAST

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on this 11th day of January 2002.

A handwritten signature in black ink, appearing to read "Zarembok".

Irja Zarembok

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith are:

Transmittal Form (1 pg.);
Information Disclosure Statement (2 pg.);
Form PTO-1449 (4 pgs.);
Copies of cited references (A1-A30; B1-B36; C1-C16); and
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**TRANSMITTAL
FORM**

Application Serial Number	09/695, 900
Filing Date	October 25, 2000
First Named Inventor	KATCHER
Group Art Unit	2614
Examiner Name	Not Yet Assigned
Attorney Docket No.	WMI-004CP1 (1845/18)
BATCH NO. (after allowance)	Not Applicable
Patent No.	Not Applicable
Issue Date	Not Applicable

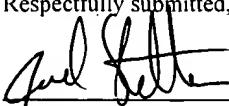
ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <ul style="list-style-type: none"> <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form 	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553) <ul style="list-style-type: none"> <input type="checkbox"/> Formal Drawing(s) 	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <ul style="list-style-type: none"> <input type="checkbox"/> Appeal Brief (in triplicate)
<input type="checkbox"/> Amendment/Response <ul style="list-style-type: none"> <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____] 	<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <ul style="list-style-type: none"> <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) 	<input type="checkbox"/> Status Inquiry <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8
<input type="checkbox"/> Petition for Extension of Time	<input type="checkbox"/> Terminal Disclaimer <ul style="list-style-type: none"> <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application 	<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <ul style="list-style-type: none"> <input type="checkbox"/> Additional Enclosure(s) (please identify below)
<input checked="" type="checkbox"/> Information Disclosure Statement <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations (A1-A30; B1-B36; C1-C16) 	<input type="checkbox"/> Small Entity Statement <ul style="list-style-type: none"> <input type="checkbox"/> CD(s) for large table or computer program 	<i>RECEIVED</i> <i>JAN 29 2002</i> <i>Technology Center 2600</i>
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Amendment After Allowance <ul style="list-style-type: none"> <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate) 	
<input type="checkbox"/> Sequence Listing submission <ul style="list-style-type: none"> <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above 		

CORRESPONDENCE ADDRESS

SIGNATURE BLOCK

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Respectfully submitted,

 Date: January 11, 2002
 Reg. No. 48,797
 Tel. No.: (617) 248-7346
 Fax No.: (617) 248-7100

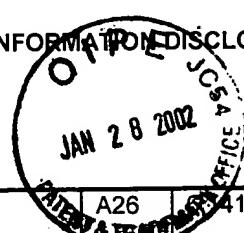
Joel Stettenheim
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FORM PTO - 1449 INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: WMI-004CP1 APPLICANTS: Katcher et al. SERIAL NO.: 09/695,900 FILING DATE: October 25, 2000 GROUP: 2614			
U.S. PATENT DOCUMENTS							
EXAMINER INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
A1	4,264,925	04/28/81	Freeman et al.	358	86	08/13/79	
A2	4,507,680	03/26/85	Freeman	358	86	06/22/82	
A3	5,452,372	09/19/95	Shirasaka et al.	382	199	11/22/94	
A4	5,600,775	02/04/97	King et al.	395	806	08/26/94	
A5	5,708,845	01/13/98	Wistendahl et al.	395	806	09/29/95	
A6	5,774,666	06/30/98	Portuesi	395	200.48	10/18/96	
A7	5,786,855	07/28/98	Chen et al.	348	391	10/26/95	
A8	5,790,269	08/04/98	Masaki et al.	358	447	12/12/95	
A9	5,838,828	11/17/98	Mizuki et al.	382	236	12/12/95	
A10	5,848,352	12/08/98	Dougherty et al.	455	5.1	04/26/9	
A11	5,883,670	03/16/99	Sporer et al.	348	384	08/02/96	
A12	5,905,523	05/18/99	Woodfield et al.	348	12	06/28/96	
A13	5,907,322	05/25/99	Kelly et al.	345	327	10/16/96	
A14	5,918,012	06/29/99	Astiz et al.	395	200.47	03/29/96	
A15	5,912,675	06/15/99	Laperriere	345	473	12/19/96	
A16	5,912,994	06/15/99	Norton et al.	382	283	10/27/95	
A17	5,969,755	10/19/99	Courtney	348	143	02/05/97	
A18	5,977,962	11/02/99	Chapman et al.	345	327	10/18/96	
A19	5,990,890	11/23/99	Etheredge	345	347	08/25/97	
A20	5,999,970	12/07/99	Krisbergh et al.	709	217	04/10/96	
A21	6,006,241	12/21/99	Purnaveja et al.	707	512	03/14/97	
A22	6,016,152	01/18/00	Dickie	345	436	08/01/97	
A23	6,018,372	01/25/00	Etheredge	348	569	09/04/97	
A24	6,018,768	01/25/00	Ullman et al.	709	218	07/06/98	
A25	6,084,588	07/04/00	De Haan	345	419	04/08/97	

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FORM PTO - 1449 INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: WMI-004CP1 APPLICANTS: Katcher et al. SERIAL NO.: 09/695,900 FILING DATE: October 25, 2000 GROUP: 2614					
	A26	6,41,002	10/31/00	Kanungo et al.	345	327	11/12/96		
	A27	6,169,573 B1	01/02/01	Sampath-Kumar et al.	348	169	07/03/97		
	A28	6,172,674 B1	01/09/01	Etheredge	345	327	08/25/97		
	A29	6,204,885 B1	03/20/01	Kwoh	348	564	371/102 (e) date: 04/26/99		
	A30	6,205,231 B1	03/20/01	Isadore-Barreca et al.	382	103	05/10/95		
FOREIGN PATENT DOCUMENTS									
EXAM. INIT		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B1	0 596 823 A2	05/11/94	EP	G06F	15/72	10/05/93	N	Y
	B2	0 596 823 A3	05/11/94	EP	G06F	15/72	10/05/93	N	Y
	B3	0 596 823 B1	05/11/94	EP	G06F	3/023	10/05/93	N	Y
	B4	0 782 065 A2	07/02/97	EP	G06F	3/023	12/16/96	N	Y
	B5	0 834 798 A2	04/08/98	EP	G06F	3/033	10/07/97	N	Y
	B6	0 840 241 A1	05/06/98	EP	G06F	17/30	10/23/97	N	Y
	B7	0 841 610 A2	05/13/98	EP	G06F	3/033	11/04/97	N	Y
	B8	0 858 225 A1	08/12/98	EP	H04N	7/173	01/19/98	N	Y
	B9	0 928 105 A1	07/07/99	EP	H04N	5/44	9/17/97	N	Y
	B10	1 051 039 A2	11/08/00	EP	H04N	7/24	04/05/00	N	Y
	B11	96/36007	11/14/96	WO	G06K	9/00	05/10/96	N	Y
	B12	97/22083	06/19/97	WO	G06K	9/00	12/12/96	N	Y
	B13	97/33437	09/12/97	WO	H04N	9/74 9/75	03/06/97	N	Y
	B14	97/33434	09/12/97	WO	H04N H04L	7/00 12/00	03/07/97	N	Y
	B15	97/37497	10/09/97	WO	H04N H04L	7/58 12/28	03/19/97	N	Y
	B16	98/10586	03/12/98	WO	H04N	5/765	09/05/97	N	Y

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	B17 98/11512	03/19/98	WO	G06T	15/70	09/09/97	N	Y
	B18 98/18259	04/30/98	WO	H04N H04H	7/087 7/10 1/00 1/02	10/20/97	N	Y
	B19 98/41020	09/17/98	WO	H04N	7/10 7/12	05/29/97	N	Y
	B20 98/44435	10/08/98	WO	G06F	17/30	04/02/97	N	Y
	B21 98/47084	10/22/98	WO	G06F	17/30	04/16/98	N	Y
	B22 98/43437	10/01/98	WO	H04N	7/52	03/19/98	N	Y
	B23 98/51077	11/12/98	WO	H04N G06F	7/13 13/00	05/07/98	N	Y
	B24 99/10871	03/04/99	WO	G09G	5/00	01/14/98	N	Y
	B25 99/49658	09/30/99	WO	H04N	5/445	01/27/99	N	Y
	B26 99/52045	10/14/99	WO	G06F	17/30	03/29/99	N	Y
	B27 99/52081	10/14/99	WO	G06T	15/70	03/31/99	N	Y
	B28 00/45599	08/03/00	WO	H04N	7/24	01/28/00	N	Y
	B29 00/46680	08/10/00	WO	G06F	13/00	02/02/00	N	Y
	B30 00/46753	08/10/00	WO	G06T	11/40	02/02/00	N	Y
	B31 00/46754	08/10/00	WO	G06T	11/40	02/03/00	N	Y
	B32 00/63848	10/26/00	WO	G06T	15/70	04/13/00	N	Y
	B33 00/77664 A2	12/21/00	WO	G06F	17/00	06/08/00	N	Y
	B34 01/18676 A1	03/15/01	WO	G06F	17/00	09/02/00	N	Y
	B35 01/18678 A2	03/15/01	WO	G06F	17/00	09/07/00	N	Y
	B36 01/18706 A2	03/15/01	WO	G06F	17/60	08/28/00	N	Y
OTHER ART, JOURNAL ARTICLES, ETC.								
EXA M. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)							
	C1	Bove et al., "Adding Hyperlinks to Digital Television", Pgs. 795-801, SMPTE Journal, SMPTE Inc. Scardsdale, N.Y., US, Vol. 108, No. 11, November 1999						
	C2	Brigger and Kunt, "Morphological Shape Representation For Very Low Bit-Rate Video Coding", pgs. 297-311, Signal Processing: Image Communication, NL, Elsevier Science Publishers, Amsterdam, Vol. 7, No. 4						

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JAN 28 2002

FORM PTO - 14 PATENT & TRADEMARK OFFICE		ATTORNEY DOCKET NO.: WMI-004CP1
INFORMATION DISCLOSURE STATEMENT		APPLICANTS: Katcher et al.
		SERIAL NO.: 09/695,900
		FILING DATE: October 25, 2000 GROUP: 2614
	C3	Burill et al., "Time-Varying Sensitive Regions in Dynamic Multimedia Objects: a Pragmatic Approach to Content-Based Retrieval From Video", pgs. 213-223, Information and software Technology 1994
	C4	Chalom, "Statistical Image Sequence Segmentation Using Multidimensional Attributes", 202 pgs., Massachusetts Institute of Technology Philosophy Thesis, January 1998
	C5	Chalom, et al., "Segmentation of an Image Sequence Using Multi-Dimensional Image Attributes", 4 pgs., Proceedings of the ICIP-96, September 1996
	C6	Dakss et al., "Hyperlinked Video", Proceedings of the SPIE Conference on Multimedia Systems and Applications, Boston, November 1998, SPIE vol. 3528
	C7	Ginige et al. "Hypermedia Authoring" pgs. 24-35, University of Technology, Sydney, IEEE MultiMedia, Winter 1995
	C8	Hirata et al., "Content-Oriented Integration in Hypermedia Systems", (pg. 11-21), Washington, March 16-20, 1996, New York, ACM, US, vol. CONF. 7, 16 March 1996
	C9	IBM Technical Disclosure Bulletin, "User-Controlled Display of Hypermedia Links Via Mouse Location", Page 669, Volume 36, No. 8, August 1993
	C10	IBM Technical Disclosure Bulletin, "Visual Behavior of Multimedia Hypervideo Links for Motion Video", Page 409, Volume 37, No. 1, January 1994
	C11	Pardas et al., "3D Morphological Segmentation for Image Sequence Processing", pgs. 6.1_3.1 - 6.1_3.6, Nonlinear Digital Signal Processing, 17-20 January 1993, Barcelona, Spain. [online], [retrieved from the Internet] <URL: http://ieeexplore.ieee.org/ie15/6208/16581/00767733.pdf > [retrieved on 2001-07-16] abstract
	C12	PCT International Serach Report for International Application No.: PCT/US01/06411, mailed on December 13, 2001
	C13	Salembier et al., "Segmentation-Based Video Coding System Allowing the Manipulation of Objects", pgs. 60-73, IEEE Transactions on Circuits and Systems for Video Technology, IEE Inc., New York, US, Vol. 7, No. 1, February 1997
	C14	Tonomura, "Video Handling Based on Structured Information for Hypermedia Systems", pgs. 333-344, In Proceedings International Conference on Multimedia Information Systems, Singapore, 1991
	C15	Vasconcelos et al., "Learning Mixture Hierarchies", 7 pgs., NIPS'98, 1998
	C16	Vass et al., "Automatic Spatio-Temporal Video Sequence Segmentation", pgs. 958-962, Proceedings of the 1998 International Conference on Image Processing, 4-7 October 1998, Chicago, IL, USA, [online], [retrieved from the Internet] <URL: http://ieeexplore.ieee.org/iel4/5852/15617/00723681.pdf > , [retrieved on 2001-07-16], abstract
EXAMINER		DATE CONSIDERED

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